

INTERNATIONAL SEARCH REPORT

International Application No.

/EP 03/04523

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47C23/06

Rec'd PCT/PTO 15 OCT 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	DE 202 09 330 U (THOMAS GMBH) 2 October 2002 (2002-10-02) the whole document	1-18
X	DE 30 33 267 A (HUELSTA WERKE HUELS KG) 8 April 1982 (1982-04-08)	1-7
A	page 5-6; figures 1-4	8, 9
P, X	US 2003/028963 A1 (BUSH JAMES J ET AL) 13 February 2003 (2003-02-13) paragraphs '0060!', '0061!'; figure 7	1, 10
X	DE 299 16 728 U (BETTINA MATRAZENFABRIK GMBH) 20 January 2000 (2000-01-20) page 6-7; figures 1-5	1-7
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

29 August 2003

Date of mailing of the international search report

04/09/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 688 393 A (MURRATE PIERRE) 17 September 1993 (1993-09-17)	1-5, 10-13
A	page 5, line 23 -page 6, line 7; figures 1-10	14-16
A	----- NL 8 201 139 A (GIJSBERTUS ANTOON VAN EEDEN) 17 October 1983 (1983-10-17) page 3, line 9-28; figure 1	10
A	----- US 3 491 384 A (MULLER WALTER ET AL) 27 January 1970 (1970-01-27) the whole document	15
A	----- GB 1 340 798 A (KRUMME K KARL KRUMME KG) 30 January 1974 (1974-01-30) the whole document -----	18

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EP 03/04523

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 20209330	U	29-08-2002	DE 20209330 U1	29-08-2002
DE 3033267	A	08-04-1982	DE 2756477 B1 DE 3033267 A1	02-11-1978 08-04-1982
US 2003028963	A1	13-02-2003	WO 03013310 A2	20-02-2003
DE 29916728	U	20-01-2000	DE 29916728 U1	20-01-2000
FR 2688393	A	17-09-1993	FR 2688393 A1	17-09-1993
NL 8201139	A	17-10-1983	NONE	
US 3491384	A	27-01-1970	CH 474982 A AT 282103 B DE 6603242 U FR 1582179 A GB 1171276 A NL 6809726 A	15-07-1969 10-06-1970 21-08-1969 26-09-1969 19-11-1969 14-01-1969
GB 1340798	A	30-01-1974	DE 2156831 A1 AT 317470 B BE 786579 A1 CH 528885 A FR 2144499 A5 IT 962692 B NL 7209866 A SE 384626 B	24-05-1973 26-08-1974 16-11-1972 15-10-1972 09-02-1973 31-12-1973 18-05-1973 17-05-1976